

Loni Kalk
Faculty 1, Room 112
(808)245-8282
Loni.Kalk@hawaii.edu

Education

Ph.D. Mathematics, May 2009 - University of Mississippi, Oxford, MS
Dissertation: *Connectivity and Characteristic Polynomials of Binary Matroids*, Advisor: Dr. Haidong Wu
M. S. Mathematics, December 2006 - University of Mississippi, Oxford, MS
B. S. Mathematics, *Summa Cum Laude*, May 2005 - University of Montevallo, Montevallo, AL
A.A. General Studies, May 2003 - Jefferson State Community College, Birmingham, AL

Professional Experience

Kauai Community College - Assistant Professor of Mathematics	2010 - present
Birmingham-Southern College - Assistant Professor of Mathematics	2009 - 2010
University of Mississippi - Graduate Teaching Assistant	2005 - 2009

Courses Taught

Math 75X - Intro to Mathematical Reasoning
Math 82x - Expanded Algebraic Foundations
Math 100 - Survey of Mathematics
Math 103 - College Algebra
Math 140X - Precalculus
Math 205 - Calculus 1
Math 206 - Calculus 2

Research and Publications

Bounding the coefficients of the characteristic polynomials of simple binary matroids with Wu. Discrete Math. 312(12-13): 2062-2068 (2012)
On minor-minimally 3-connected binary matroids with Reid, Wu, Zhou. Discrete Math. 309(10): 3249-3254 (2009)